



**US Army Corps  
of Engineers®**

Detroit District  
P.O. Box 1027  
Detroit, MI 48231-1027  
(313) 226-6796  
FAX - (313) 226-3519

# Notice to Navigation Interests

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Notice No. L01-76

Date: 11 OCTOBER 2001

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Waterway: LAKE MICHIGAN

Location: WISCONSIN

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CELRE-ET-OT-T

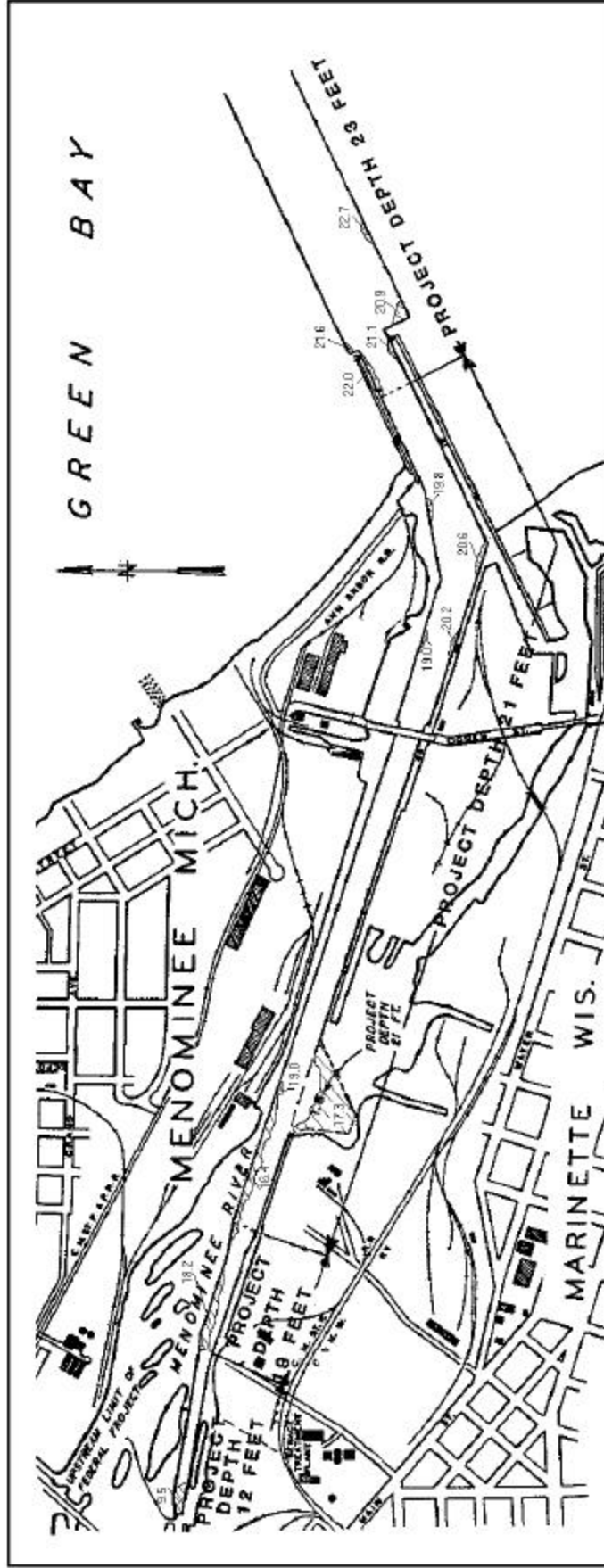
CONDITION OF FEDERAL NAVIGATION CHANNEL  
MENOMINEE HARBOR AND RIVER

1. Condition surveys performed within the Federal navigation channel at Menominee Harbor and River, Michigan and Wisconsin during August 2001, indicate shoaling as shown on the back of this sheet.
2. Mariners are urged to use extreme caution in the area.
3. All inquiries should be addressed to CELRE-ET-OT-T and should refer to Notice to Navigation Interests No. L01-76. Internet address: <http://huron.lre.usace.army.mil/OandM/o&m.html>

RICHARD J. POLO, JR.  
Lieutenant Colonel, U.S. Army  
District Engineer

Notice to the Postmaster:

It is requested that the above notice be conspicuously and continuously posted until November 30, 2001.



All depths are in feet and are referred to Low Water Datum 576.8 ft. above mean sea level, IGLD, 1955.

The information depicted on this map represents the results of surveys made on the date indicated and can only be considered as indicating the general conditions existing at that time.

 Shoals indicate least available depth below I.G.L.D.

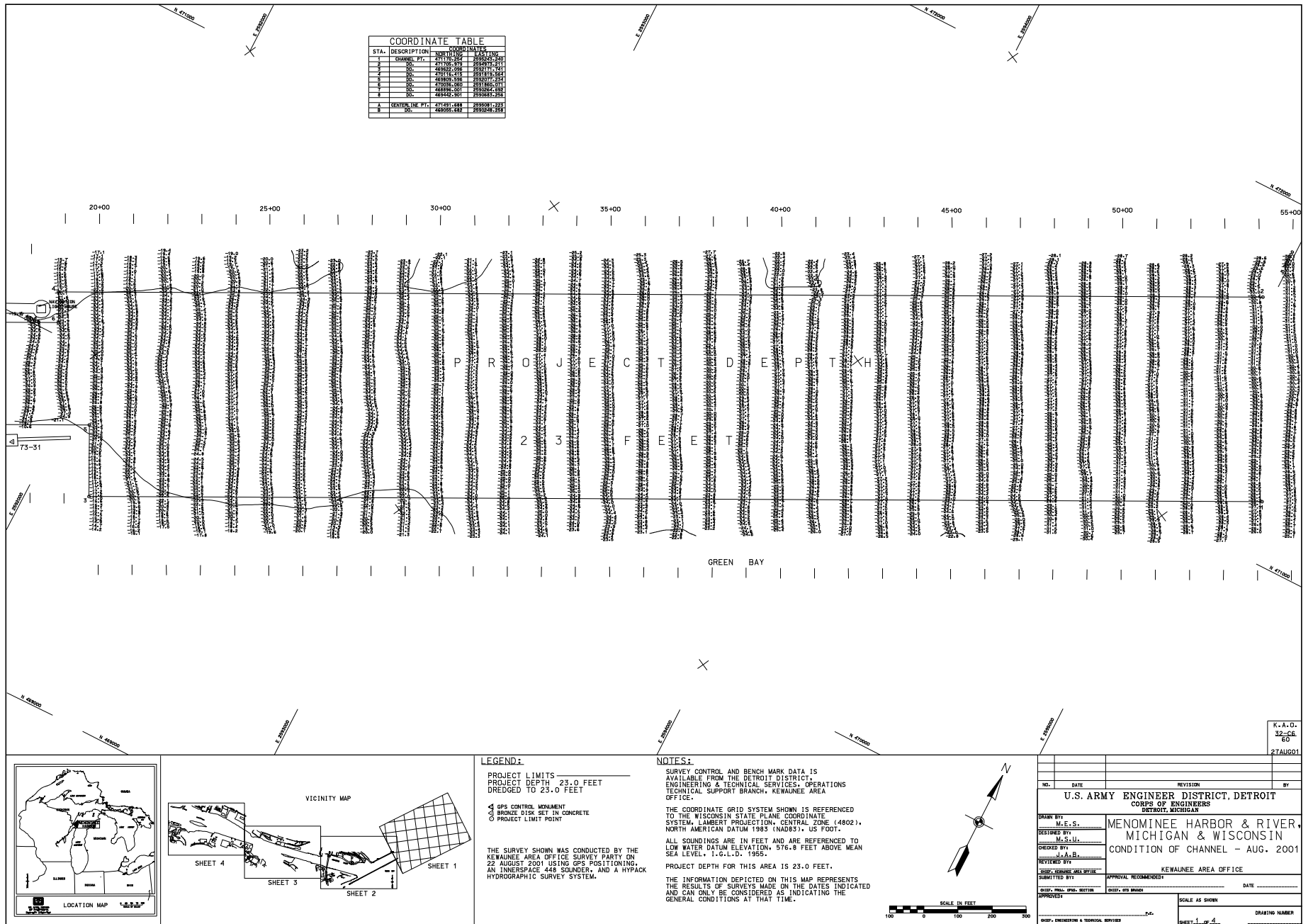
Surveys taken: AUGUST 2001

**MENOMINEE HARBOR & RIVER,  
MICHIGAN & WISCONSIN**

CONDITION OF CHANNEL

ISSUED: 11 OCTOBER 2001

U.S. Army Engineer District, Detroit





**LEGEND:**

PROJECT LIMITS \_\_\_\_\_

PROJECT DEPTHS 21.0 & 23.0 FEET  
DREDGED TO 23.0 & 21.0 FEET RESPECTIVELY

▲ GPS CONTROL MONUMENT  
▲ BRONZE DISK SET IN CONCRETE  
○ PROJECT LIMIT POINT

THE SURVEY SHOWN WAS CONDUCTED BY THE  
KEWAUNEE AREA OFFICE SURVEY PARTY ON  
22, 23 & 27 AUGUST 2001 USING GPS  
POSITIONING, AN INSERFACE 448 SOUNDER,  
AND A HYPACK HYDROGRAPHIC SURVEY SYSTEM.

NOTES:

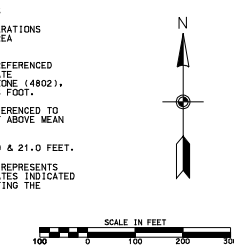
SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT. ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, KEWAUNEE AREA OFFICE.

THE COORDINATE GRID SYSTEM COORDINATE IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, CENTRAL ZONE (4802), NORTH AMERICAN DATUM 1983 (NAD83), US FOOT.

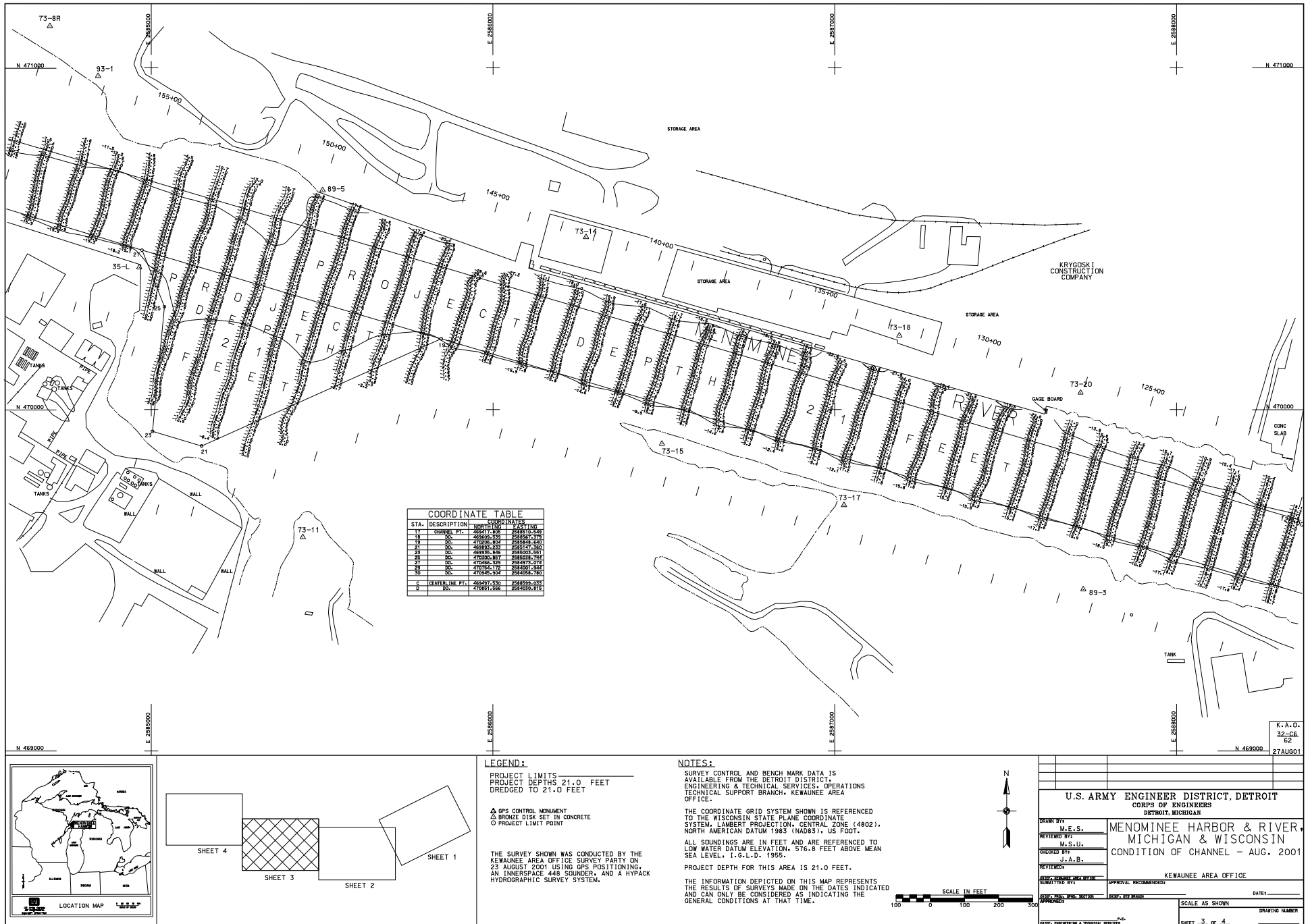
ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOWER DATUM ELEVATION OF 576.6 FEET ABOVE MEAN SEA LEVEL, 1.G.L.D. IN 1995.

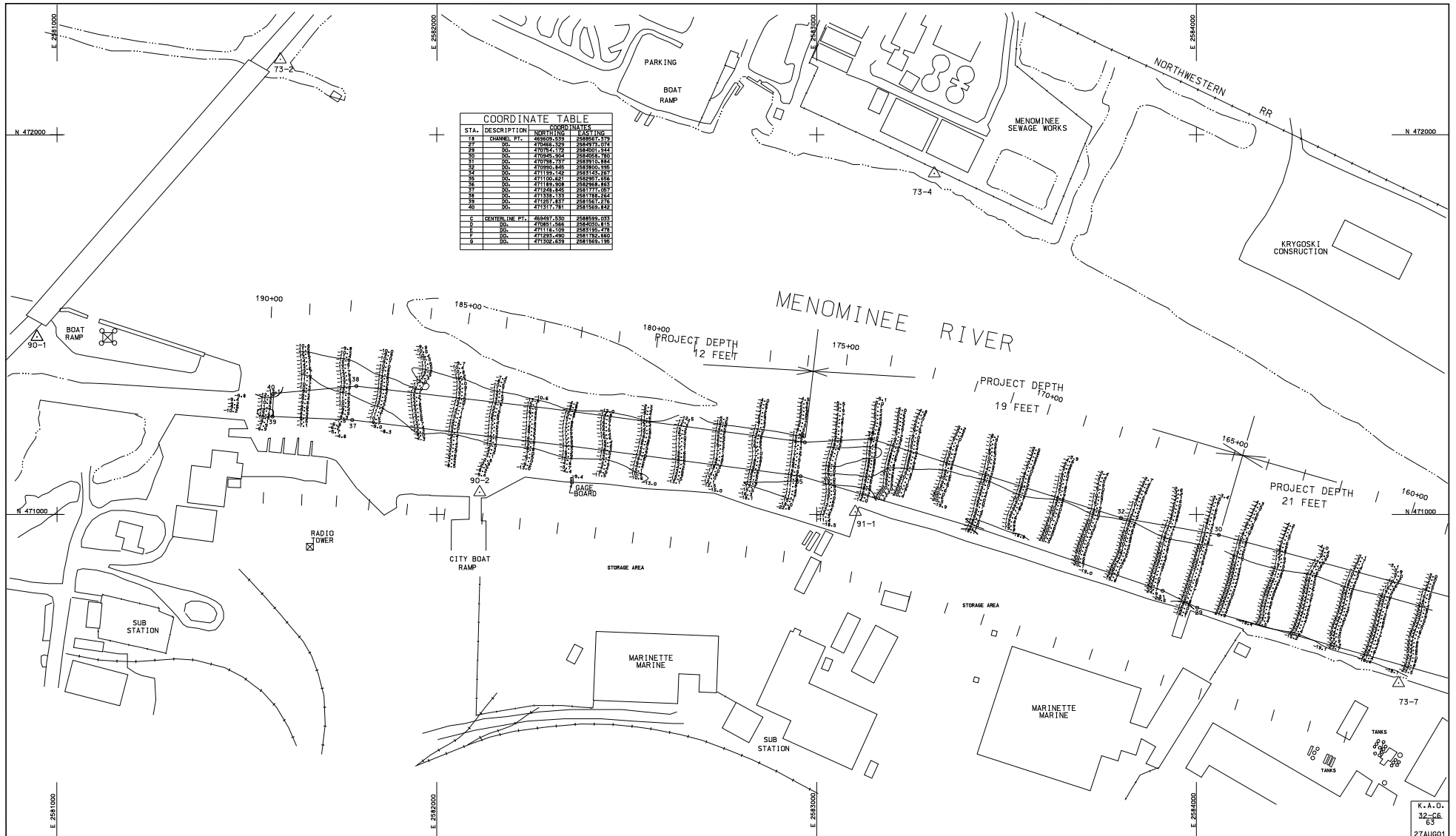
PROJECT DEPTHS FOR THIS AREA ARE 23.0 & 21.0 FEET.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.



NO.	DATE	REVISION			BY
<p align="center"><b>U.S. ARMY ENGINEER DISTRICT, DETROIT</b>  <b>CORPS OF ENGINEERS</b>  <b>DETROIT, MICHIGAN</b></p>					
DRAWN BY <b>M.E.S.</b>		<p align="center"><b>MENOMINEE HARBOR &amp; RIVER,          MICHIGAN &amp; WISCONSIN          CONDITION OF CHANNEL - AUG. 2001</b></p>			
REVIEWED BY <b>M.S.U.</b>					
CHECKED BY <b>S.A.B.</b>					
REVISIONS					
SHIP, SUBMERGIBLE AND/OR SUBMERSIBLE TYPE					
APPROVAL, RECOMMENDED BY		KEWAUNEE AREA OFFICE			
DATE		_____			
APPROVER, NAME, GRADE, BRANCH		SHIP, SUBMERSIBLE			
DATE		_____			
SHIP, SUBMERGIBLE & TENDERS, MARINES		SCALE AS SHOWN		DRAWING NUMBER	
_____		SHEET <u>2</u> OF <u>4</u>		_____	





COORDINATE TABLE			
STA.	DESCRIPTION	NORTHING	EASTING
18	CHANNEL PT.	258200.530	258297.970
19	DO	258200.530	258297.970
20	DO	258200.530	258297.970
21	DO	258200.530	258297.970
22	DO	258200.530	258297.970
23	DO	258200.530	258297.970
24	DO	258200.530	258297.970
25	DO	258200.530	258297.970
26	DO	258200.530	258297.970
27	DO	258200.530	258297.970
28	DO	258200.530	258297.970
29	DO	258200.530	258297.970
30	DO	258200.530	258297.970
31	DO	258200.530	258297.970
32	DO	258200.530	258297.970
33	DO	258200.530	258297.970
34	DO	258200.530	258297.970
35	DO	258200.530	258297.970
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39	DO	258200.530	258297.970
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41	DO	258200.530	258297.970
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44	DO	258200.530	258297.970
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49	DO	258200.530	258297.970
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80	DO	258200.530	258297.970
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95	DO	258200.530	258297.970
96	DO	258200.530	258297.970
97	DO	258200.530	258297.970
98	DO	258200.530	258297.970
99	DO	258200.530	258297.970
100	DO	258200.530	258297.970

# LEGEND:

PROJECT LIMITS

- ▲ GPS CONTROL MONUMENT
- △ BRONZE DISK SET IN CONCRETE
- PROJECT LIMIT POINT

THE SURVEY SHOWN WAS CONDUCTED BY THE KEWAUNEE AREA OFFICE SURVEY PARTY ON 23 AUGUST 2001 USING GPS POSITIONING, AN INTRAPACE 448 SOUNDER, AND A HYTRACK HYDROGRAPHIC SURVEY SYSTEM.

# NOTES:

SURVEY CONTROL AND BENCH MARK DATA IS AVAILABLE FROM THE DETROIT DISTRICT, ENGINEERING & TECHNICAL SERVICES, OPERATIONS TECHNICAL SUPPORT BRANCH, KEWAUNEE AREA OFFICE.

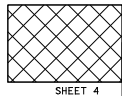
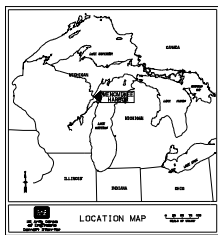
THE COORDINATE GRID SYSTEM SHOWN IS REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, CENTRAL ZONE (4802), NORTH AMERICAN DATUM 1983 (NAD83), US FOOT.

ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION, 576.8 FEET ABOVE MEAN SEA LEVEL, 1-G.L.D., 1985.

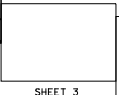
PROJECT DEPTHS FOR THIS AREA ARE 21.0, 19.0 & 12.0 FEET.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.

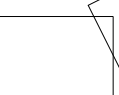
SCALE IN FEET



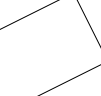
SHEET 4



SHEET 3



SHEET 2



SHEET 1

U.S. ARMY ENGINEER DISTRICT, DETROIT  
CORPS OF ENGINEERS  
DETROIT, MICHIGAN

MEASUREMENTS  
M.S.U.  
CHECKED BY  
J.A.B.  
REVIEWED  
K.A.O.  
32-56  
27AUG01

KEWAUNEE AREA OFFICE  
APPROVAL RECOMMENDED  
DATE

SCALE AS SHOWN  
DRAWING NUMBER  
SHEET 4 OF 4